



**Application for
Commercial/Industrial/Agricultural/Greenhouse
Rate-Of-Flow Control System**

Complete and submit this application directly to Chatham-Kent Public Utilities Commission at:
ckpuc@chatham-kent.ca Or Fax to 519-352-3432

Name of Business Operation: _____

Location of Operation – Address or Roll No: _____

Name of Representative: _____ Are you the owner? Yes No

Phone: () _____ Email: _____

An on-site rate-of-flow control system serves to reduce the peak water demand on the water treatment plant and water distribution system.

Greenhouse Application only, please fill out the following additional information:

Is this a new Facility: Yes <input type="checkbox"/> No <input type="checkbox"/>	Size of Existing Greenhouse (ac): _____
Is this an expansion to an Existing Facility: Yes <input type="checkbox"/> No <input type="checkbox"/>	Phase Number applying for: _____ Area of this Phase (acres): _____ Area of New Phase + Existing: _____
Size of Existing Water Service (mm): _____ Size of Required Water Service (mm): _____ Size of Existing Meter _____ Size of New Meter Requested _____	Max Draw from Water System (L/sec) for this Phase: _____ Existing Phase: _____ New Phase + Existing Max Draw: _____
Type of Crop: _____	Plant Density (Plants per m ²): _____
Maximum Day Plant Water Consumption (L/plant/day): _____	Ultimate Future Size (acres): _____
Length of peak watering period (hours/day): _____ (Note – this is required to be min. of 20 hrs/day)	Anticipated Maximum Draw from Water System for Ultimate Future Phase (L/sec): _____ (Note - this demand cannot be reserved)
Calculated Reservoir Size (m ³): _____	Will an air gap be provided at reservoir on fill line: Yes <input type="checkbox"/> No <input type="checkbox"/>
Where a Reservoir is proposed or existing, what is the storage volume by: a) Dimensions: _____ (m ³) b) Working volume: _____ (m ³) (difference between low and high water levels)	Will an automatic level control and alarm be provided in the reservoir: Yes <input type="checkbox"/> No <input type="checkbox"/>

Application for other use only, fill out the following additional information:

Commercial	Industrial	Other
Type of Operation:	Type of Operation:	Type of Operation:
Is this a new Facility: Yes <input type="checkbox"/> No <input type="checkbox"/>	Size of Existing Water Service (mm): _____ Size of Required Water Service (mm): _____ Size of Existing Meter _____ Size of New Meter Requested _____	
Is this an expansion to an Existing Facility: Yes <input type="checkbox"/> No <input type="checkbox"/>	Length of Peak Watering Period (hours/day): _____ (Note – Minimum 20 hours/day)	
Phase Number:		
Average Daily Flow from Water System (L/sec):	Ultimate Future Size (acres):	
Maximum Draw from Water System (L/sec): _____ (Note - based on 20 hour/day draw time)	Anticipated Maximum Draw from Water System for Ultimate Future Size (L/sec): _____ (Note – this demand cannot be reserved)	
Calculated Reservoir Size (m ³):	Will an air gap be provided at reservoir on fill line: Yes <input type="checkbox"/> No <input type="checkbox"/>	
Where a Reservoir is proposed or existing, what is the storage volume by: c) Dimensions: _____(m ³) d) Working volume: _____(m ³) (difference between low and high water levels)	Will an automatic level control and alarm be provided in the reservoir: Yes <input type="checkbox"/> No <input type="checkbox"/>	

Bunkhouse Information fill out the following additional information:

Are you building a Bunkhouse? Yes <input type="checkbox"/> No <input type="checkbox"/> If Yes, please provide site plans	Size of Water Service to Bunkhouse: _____mm	Total Number of beds: _____
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Rate-Of-Flow Control System

1. Estimated total number of Employees that will be working at the proposed facility: _____
2. Estimated number of employees that will be housed on-site from above total: _____
3. Provide copies of drawings showing site plan with details. Indicate desired routing of service connection (where applicable) and desired location for the Rate-of-Flow Control System.
4. Note that the numbers provided will be used to determine the rate of water supply to the proposed facility. This rate will be regulated by the Rate-of-flow Control System. If the water demands exceed those provided, and/or sufficient on-site water storage is not provided, a local water shortage may occur.

This Application for Rate of Flow System will be examined with the aid of a hydraulic model to see if there is sufficient unreserved capacity to support the development with regard to municipal water availability and plant capacity.

Please note that granting of water delivery capacity be contingent on the following conditions:

1. That the applicant provide and implement an automatic rate of flow control system that will regulate total water inflow into development at a rate not exceeding the approved demand in l/sec by the Chatham-Kent PUC;
2. That it is the responsibility of the applicant to determine the water requirements of its operation and complete the application accordingly. The Chatham-Kent PUC and its agents accept no responsibility for the estimation or determination of individual water requirements;
3. That if the maximum draw from the water distribution system is not used for the majority of each and every day, the total volume used will be re-evaluated and your capacity will be adjusted accordingly;
4. That the Chatham-Kent PUC retains the right to enter onto private property to ensure that the above conditions have been complied with.

This application is based on the understanding that a formal agreement will be executed. Further, should the applicant be granted access to the municipal water system, while abiding by the conditions imposed in a signed agreement, then the applicant shall mutually agree upon a time limit to implement and construct the proposed water service to the development from the date of the formal agreement.

Name of Applicant: (Please Print): _____

Date: _____

Signature of Applicant: _____

Office Use Only

1. Date Application Received: _____ Initials: _____

2. Status: _____

Chatham-Kent PUC: Approved for: _____ L/sec Rejected: _____

Date: _____ Initials: _____

Comments:
